

I claim:

1. A binocucorder, comprising:

a camcorder including an image display monitor that swings open laterally from a side of said camcorder;

a binocular including first and second tubular body portions which are spaced apart parallel to each other, each having a forward end incorporating an objective lens and a rearward end defining an eyepiece, said binocular including a focus adjustment wheel located near said eyepieces and operatively connected to said binocular body portions;

a base member having an upper end portion and a lower end portion, said lower end portion of said base member being centered between said binocular body portions forwardly of said focus adjustment wheel;

said binocular body portions being pivotally secured to said lower end portion of said base member to adjust the spacing between said eyepieces;

said upper end portion of said base member defining a platform that extends forwardly of said lower end portion of said base member, said camcorder being mounted on said platform, said platform being spaced apart from said binocular body portions so as to provide operating clearance between said camcorder and said binocular body portions to permit opening said image display monitor;

said binocular and said camcorder having respective first and second lines-of-sight, means causing said first and second lines-of-sight to center on a common target.

2. In combination with claim 1: said means comprising said camcorder being mounted inclined on said platform such that said first and second lines-of-sight converge at a distance.

3. In combination with claim 2: said platform being provided with a locator pin and a threaded screw both of which are receivable by said camcorder for detachably securing said camcorder to said platform, said platform having an underside portion located forwardly of said lower end portion of said base member that is free and is accessible between said binocular body portions for turning said screw.

4. In combination with claim 3: attachment structure provided on said platform underside forwardly of said screw for effecting an attachment of said binocucorder to an external support.

5. in combination with claim 4: said attachment structure comprising a tube fixed to and dependent from said platform underside, said tube being adapted to be slid onto a suitably cross-sectionally configured post forming a part of said external support.

6. In combination with claim 5: said tube having a tapered interior configuration adapted to obtain a jammed fit on said post.

7. In combination with claim 2: said camcorder having a housing, said camcorder housing having an underside, said camcorder housing undersid defining said platform.

8. In combination with claim 7: said camcorder housing underside having a portion that is free, attachment structure provided on said camcorder housing underside for effecting an attachment of said binocucorder to an external support.

9. In combination with claim 8: said attachment structure comprising a tube fixed to and dependent from said camcorder housing underside, said tube being adapted to be slid onto a post forming a part of said external support.

10. In combination with claim 9: said tube having a tapered interior configuration adapted to obtain a jammed fit on said post.

11. In combination with claim 1: said means comprising a periscope including a first mirror on said first line-of-sight and a second mirror on said second line-of-sight, said first mirror being positioned between said objective lenses of said binocular to receive incident light on said first line-of-sight and reflect said light 90 degrees to said second mirror, said second mirror being positioned to reflect said light 90 degrees onto said second line-of-sight into said camcorder.

12. In combination with claim 11: said camcorder having a housing, said camcorder housing having an underside, said camcorder housing underside defining said platform, said camcorder housing having a forward wall, said camcorder having an objective lens mounted in said camcorder forward wall, said camcorder housing being extended forwardly of said camcorder forward wall and together with said camcorder forward wall forming said periscope as a closed compartment that precludes entry of dust, said periscope compartment having a lower end portion that is located between said forward ends of said binocular body portions, said first mirror being mounted inside said lower end portion of said periscope compartment, said lower end portion of said periscope compartment being provided with a window for passage of incident light to said first mirror, said window being mounted so as to maintain the dust-free integrity of said periscope compartment, said periscope compartment having an upper end portion, said second mirror being mounted inside said upper end portion of said periscope compartment, said second mirror reflecting light into said camcorder objective lens.

13. In combination with claim 12: said camcorder housing underside having a portion that is free, attachment structure provided on said camcorder housing underside for effecting an attachment of said binocucorder to an external support.

14. In combination with claim 13: said attachment structure comprising a tube fixed to and dependent from said camcorder housing underside, said tube being adapted to be slid onto a post forming a part of said external support.

15. In combination with claim 14: said tube having a tapered interior configuration adapted to obtain a jammed fit on said post.

16. In combination with claim 11: said camcorder having a housing, said camcorder housing having an underside, said camcorder housing underside defining said platform, said camcorder housing having a forward wall, said camcorder housing being extended forwardly of said camcorder forward wall and together with said camcorder forward wall forming said periscope as a closed compartment that precludes entry of dust, said periscope compartment having a lower end portion that is located between said forward ends of said binocular body portions, said first mirror being mounted inside said lower end portion of said periscope compartment, said camcorder having an objective lens, said camcorder objective lens being mounted in said lower end portion of said periscope compartment for passage of incident light to said first mirror, said camcorder objective lens being mounted so as to maintain the dust-free integrity of said periscope compartment, said periscope compartment having an upper end portion, said second mirror being mounted inside said upper end portion of said periscope compartment, said camcorder having an optical system which includes lenses in addition to said objective lens for processing received light to form a final image, said additional lenses being exposed at said camcorder forward wall to receive light reflected by said second mirror.

17. In combination with claim 16: said camcorder housing having an underside portion that is free, attachment structure provided on said camcorder housing underside for effecting an attachment of said binocucorder to an external support.

18. In combination with claim 17: said attachment structure comprising a tube fixed to and dependent from said camcorder housing underside, said tube being adapted to be slid onto a post forming a part of said external support.

19. In combination with claim 18: said tube having a tapered interior configuration adapted to obtain a jammed fit on said post.

20. For attachment to a camcorder:

a binocular including first and second tubular body portions which are spaced apart parallel to each other, each having a forward end incorporating an objective lens and a rearward end defining an eyepiece, said binocular including a focus adjustment wheel located near said eyepieces and operatively connected to said binocular body portions, said binocular having a first line-of-sight;

a base member having an upper end portion and a lower end portion, said lower end portion of said base member being centered between said binocular body portions forwardly of said focus adjustment wheel;

said binocular body portions being pivotally secured to said lower end portion of said base member to adjust the spacing between said eyepieces;

said upper end portion of said base member defining a platform that extends forwardly of said lower end portion of said base member, means for securing said camcorder to said platform, said camcorder having a second line-of-sight, said platform being inclined so as to cause said camcorder line-of-sight to converge with said binocular line-of-sight at a distance.